Amendments to the claims

Please replace the previously-pending claims with the following claim listing.

1.   (Currently amended) A method of diagnosing or monitoring colon cancer in a subject, comprising the steps of:

detecting a level of a GPR49 polypeptide encoded by a colon cancer gene in a biological sample of a subject; and

comparing said level to a control level of said GPR49 polypeptide, wherein the colon cancer gene GPR49 polypeptide is differentially over-expressed in colon cancer tissues as compared to disease-free colon tissues.

2.   (Original) The method according to claim 1, wherein the biological sample is a colon tissue sample, a blood sample, or a bodily waste sample, and the control level is an average level of said polypeptide in control samples of disease-free subjects.

3-4.   (Canceled)

5.   (Currently amended) The method according to claim [[4]] 2, wherein the subject has colon cancer.

6.   (Original) The method according to claim 5, wherein the subject is subject to a therapeutic treatment of said cancer.

7.   (Currently amended) A method of diagnosing or monitoring colon cancer in a subject, comprising the steps of:

detecting an expression profile of one or more colon cancer genes in a biological sample of a subject; and

comparing the expression profile to a control expression profile of said one or more colon cancer genes, wherein each of said one or more colon cancer genes is differentially expressed in colon cancer tissues as compared to disease-free colon tissues, wherein one of said one or more colon cancer genes is GPR49, which is over-expressed in colon cancer.

8-20. (Canceled)